

PTO/SB/08a (09-08)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application Number	09/709,234
Filing Date	November 9, 2000
First Named Inventor	Jeffrey R. Boulter
Art Unit	2143
Examiner Name	Jerry B. Dennison
Attorney Docket Number	085804 . 019401

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
JRD		us- 3,568,156	03.02.1971	Kenneth L. Thompson	
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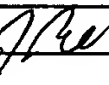
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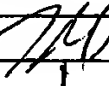
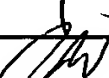
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STATEMENT BY APPLICANT**

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Sheet -8-

of 17

Complete if Known

Application Number	09/709,234
Filing Date	November 9, 2000
First Named Inventor	Jeffrey R. Boulter
Art Unit	2143
Examiner Name	Jerry B. Dennison
Attorney Docket Number	085804 . 019401

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ "Number" ⁴ "Kind Code" ⁵ (if known)				

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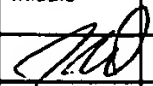

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Application Number	09/709,234
Filing Date	November 9, 2000
First Named Inventor	Jeffrey R. Boulter
Art Unit	2143
Examiner Name	Jerry B. Dennison
Attorney Docket Number	085804 . 019401

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U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Application Number	09/709,234
Filing Date	November 9, 2000
First Named Inventor	Jeffrey R. Boulter
Art Unit	2143
Examiner Name	Jerry B. Dennison
Attorney Docket Number	085804 . 019401

Sheet -10-

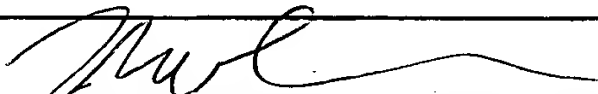
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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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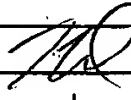

Complete if Known

Application Number	09/709,234
Filing Date	November 9, 2000
First Named Inventor	Jeffrey R. Boulter
Art Unit	2143
Examiner Name	Jerry B. Dennison
Attorney Docket Number	085804 . 019401

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Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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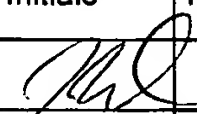

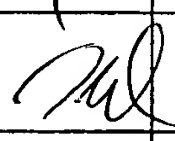
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		Application Number	09/709,234		
		Filing Date	November 9, 2000		
		First Named Inventor	Jeffrey R. Boulter		
		Art Unit	2143		
		Examiner Name	Jerry B. Dennison		
Sheet	-12-	of	17	Attorney Docket Number	085804 . 019401

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
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Examiner Signature		Date Considered	2/22/07
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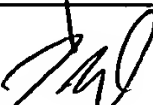
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		Art Unit	2143		
		Examiner Name	Jerry B. Dennison		
Sheet	-13-	of	17	Attorney Docket Number	085804 . 019401

NON PATENT LITERATURE DOCUMENTS			
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		Gerard Salton and M.J. McGill, "The SMART and SIRE Experimental Retrieval Systems," pgs. 381 - 399	

Examiner Signature		Date Considered	2/22/02
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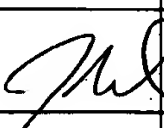
Application Number	09/709,234
Filing Date	November 9, 2000
First Named Inventor	Jeffrey R. Boulter
Art Unit	2143
Examiner Name	Jerry B. Dennison
Attorney Docket Number	085804 . 019401

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Gerard Salton and Michael J. McGill, "Introduction to Modern Information Retrieval," Computer Science Series, pgs. 1 -435, 1983 by McGraw-Hill, Inc., McGraw-Hill Book Company, USA	
		Gerard Salton, A. Wong and C.S. Yang, "A Vector Space Model for Automatic Indexing," Cornell University, pgs. 273 -280	
		Gerard Salton, James Allan, Chris Buckley and Amit Singhal, "Automatic Analysis, Theme Generation, and Summarization of Machine-Readable Texts," pp. 478-483	
		Ian H. Witten and Eibe Frank, "Data Mining, Practical Machine Learning Tools and Techniques with JAVA Implementations", Academic Press, pp. 57-76	
		Internet Papers: Freetantrum: Songprint 1.2, and computer code; www.freetantrum.org	
		Jean Tague-Sutcliffe, "The Pragmatics of Information Retrieval Experimentation Revisited," School of Library and Information Science, University of Western Ontario, Canada, pgs. 205 - 216	
		Karen Sparck Jones and Peter Willett (Editors), Chapter 3 - "Key Concepts," pgs. 85 - 92 Found in: Readings in Information Retrieval, Morgan Kaufmann Publishers, Inc., San Francisco, CA, 1997	
		Karen Sparck Jones, G.J.F. Jones, J.T. Foote, and S.J. Young, "Experiments in Spoken Document Retrieval," pp. 493-502	

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		Application Number	09/709,234		
		Filing Date	November 9, 2000		
		First Named Inventor	Jeffrey R. Boulter		
		Art Unit	2143		
		Examiner Name	Jerry B. Dennison		
Sheet	-15-	of	17	Attorney Docket Number	085804 . 019401

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		Karen Sparck Jones, "Search Term Relevance Weighting Given Little Relevance Information," pgs. 329-338, (originally located in Journal of Documentation, Vol. 35, No. 1; March 1979, pgs. 30 - 48)	
		Lauren B. Doyle, "Indexing and Abstracting by Association - Part 1," pgs. 25 - 38, Santa Monica, CA, Found in: Readings in Information Retrieval, Edited by Karen Sparck Jones and Peter Willett, Morgan Kaufmann Publishers, Inc., San Francisco, CA, 1997	
		Lisa F. Rau, "Conceptual Information Extraction and Retrieval from Natural Language Input," Artificial Intelligence Program GE Research and Development Center, Schenectady, NY 12301, pp. 527-533	
		M. Agosti, G. Gradenigo, P.G. Marchetti, "A Hypertext Environment for Interacting with Large Textual Databases," pp. 469-477	
		M. F. Porter, "An Algorithm For Suffix Stripping," Computer Laboratory, Corn Exchange Street, Cambridge, 313-316	
		M.E. Maron and J.L. Kuhns, "On Relevance, Probabilistic Indexing and Information Retrieval," pgs. 39 - 46, Found in: Readings in Information Retrieval, Edited by Karen Sparck Jones and Peter Willett, Morgan Kaufmann Publishers, Inc., San Francisco, CA, 1997	
		MusicMatch Literature downloaded from web.archive.org - 7 pages total	
		N.J. Belkin, R.N. Oddy, H.M. Brooks, "The Journal of Documentation", pp. 299-304, Volume 38, Number 2, June 1982	

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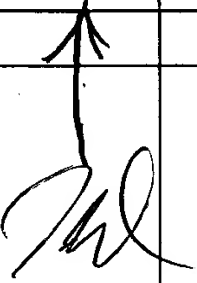

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		RealNetworks Literature downloaded from web.archive.org - 16 pages total	
		R. Brody, Ph.D., "The Conditions and Consequences of Profiling in Commercial and Governmental Settings," Technology And Society, 1998. ISTAS 98. Wiring The World: The Impact Of Information Technology On Society, Proceedings of the 1998 International Symposium on South Bend, IN, USA 12-13 June 1998, NY, NY, USA, IEEE, US, 12 June 1998 (1998-06-12), pp. 148-154, XP010291443, ISBN: 0-7803-4327-1 *the whole document*	
		S.E Robertson, "The Probability Ranking Principle In 1R," School of Library, Archive, Information Studies, University College of London, pgs. 281 - 286	
		S.E. Robertson and S. Walker, "Some Simple Effective Approximations to the 2 - Poisson Model for Probabilistic Weighted Retrieval," Centre for Interactive Systems Research, Department of Information Science, City University, Northampton Square, London, ECIV OHB, U.K., pgs. 345 - 354	
		Shoshana Loeb, "Architecting Personalized Delivery Of Multimedia Information", Communications Of The ACM, vol. 25, no. 12, December 1992, pp. 39-50, XP002102709	
		Tej Shah, "Improving Electronic Commerce Through Gathering Customer Data", TCC402 [online] 23 April 1998 (1998-04-23) XP002379874, University of Virginia, USA, Retrieved from the Internet: <URL:http://www.lib.virginia.edu> [Retrieved on 2006-05-08] *the whole document*	
		Thomas Hoffman, et al., "Latent Class Models For Collaborative Filtering", Proceedings Of The Sixteenth International Joint Conference On Artificial Intelligence, IJCAI 99, Stockholm, Sweden, July 31 -August 6, 1999, Online! pages 688-693, XPOO2279578, Retrieved from the Internet <URL:http://Awww.cs.brown.edu/(th/papers/HofmannPuzicha-IJCA199.pdf)>, retrieved on May 7, 2004	
		Tomek Strzalkowski, "Robust Text Processing in Automated Information Retrieval," Courant Institute of Mathematical Sciences, pgs. 317 - 322	

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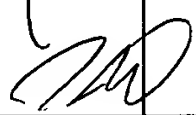
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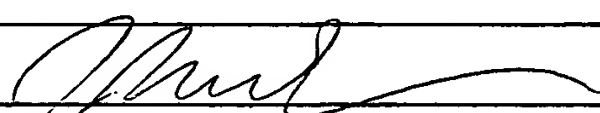
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		Unjung Nam, Lectures: "Mel-Frequency Cepstral Analysis," [online] [retrieved on 2001-02-02] Retrieved from the Internet <URL:http://www.ccrma.stanford.edu/~unjung/mylec/mfcc.html>, pp. 1-3	
		W. B. Croft and D. J. Harper, "Using Probabilistic Models of Document Retrieval Without Relevance Information," Department of Computer & Information Science, University of Massachusetts, pgs. 339 - 344	
		W. J. Hutchins, "The Concept of 'Aboutness' in Subject Indexing," presented April 18, 1977, Chapter 3 - Key Concepts, pgs. 93 - 97, Found in: Readings in Information Retrieval, Edited by Karen Sparck Jones and Peter Willett, Morgan Kaufmann Publishers, Inc., San Francisco, CA, 1997	
		Z. Liu, et al., "Audio Feature Extraction and Analysis for Scene Segmentation and Classification"	

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